

K. Clement

#10

1644

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/245,277

DATE: 07/07/2000
TIME: 08:31:27

Input Set : A:\JHU1530-3.TXT
Output Set: N:\CRF3\07072000\I245277.raw

P.5

ENTERED

4 <110> APPLICANT: Worley, Paul F.
5 Lanahan, Anthony
7 <120> TITLE OF INVENTION: IMMEDIATE EARLY GENES AND METHODS OF USE
8 THEREFOR
10 <130> FILE REFERENCE: JHU1530-3
12 <140> CURRENT APPLICATION NUMBER: 09/245,277
13 <141> CURRENT FILING DATE: 1999-02-05
15 <150> PRIOR APPLICATION NUMBER: 60/074,518
16 <151> PRIOR FILING DATE: 1998-02-12
18 <150> PRIOR APPLICATION NUMBER: 60/074,135
19 <151> PRIOR FILING DATE: 1998-02-06
21 <160> NUMBER OF SEQ ID NOS: 63
23 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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26 <211> LENGTH: 527
27 <212> TYPE: DNA
28 <213> ORGANISM: Eukaryote
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31 <221> NAME/KEY: misc_feature --
32 <222> LOCATION: (1)...(527)
33 <223> OTHER INFORMATION: n = A,T,C or G
35 <400> SEQUENCE: 1
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37 accactttac gctttttagt tgtgctgggt tcatggctgg acatacacca accagccttg 120
38 accccacagg aatgccaagt tggctggaat gtaacccaac ctagtctctg cgcttcgctc 180
39 ctctccagtg gcaaggtgct aaacacccac tcacaagcct gctgtcaagc tgcgaccttg 240
40 ggggctggtt agaaagggtt gcctccttcc agcaatagaa gttcatgaat ttgaggctgg 300
41 agataggtca agaccactgt gataactata aagactgtag cagccacaaa ggagaccccc 360
42 aaataactgg aggcattggc actgacgtac cagatgaggt tatgtttgga gctgaaggct 420
43 tgctctgtgc ttcttggtag catcttttgt cctcttgga catggttgac ccatactgt 480
44 ccactgagct tgggagatga cagttgaata aaaaaaaaa aaaaaaa 527
46 <210> SEQ ID NO: 2
47 <211> LENGTH: 1485
48 <212> TYPE: DNA
49 <213> ORGANISM: Eukaryote
51 <220> FEATURE:
52 <221> NAME/KEY: misc_feature
53 <222> LOCATION: (1)...(1485)
54 <223> OTHER INFORMATION: n = A,T,C or G
56 <400> SEQUENCE: 2
57 cggcttaatt aacctcact aaagggaaca aaagtggag ctccaccgag gtggcgccg 60
58 ctctagaact agtggatccc cgggctgca ggattctgc gccgattaag aagcctgctg 120
59 atgtccttag gcgaggacat taactccagt ctctgacaga ctttgacat ccagaataag 180
60 ttctttttgt atatcagagc acagagccca gctttagcct ctgatggacc tcaggaacca 240
61 agaaggaggg acttccttaa cattctagag atgggactct aactctagct cttgtgttaa 300
62 gccctgaagt ccagaaaaga gtagttctt gacattctag tgccaagatc cagcctctaa 360
W--> 63 gagaactctg atgtctaaag aaagtctttc atagtctagn ccagtcacca gtgaagctaa 420

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TECH CENTER 1000/2900

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64 acacctgaaa actattagat tctctggagc caggaatcca tctcaagtct ctcataaagc 480
65 ccaaatgtcc caggagaagt tgacaatata aagccgtatc tcgatggact tttgaagaag 540
66 ctcaaaaaag gagaccacct tggtagtctt gatctaggac tctggcttgt ttgtctccag 600
67 ggacgtttac atgtataaaa agagggacct ttctgatgat tcagaactgg gactccacct 660
68 ccaccccttg atgaaagctc aaatgtccag aaagaggggc ctctctgata ttctagagta 720
69 ggaccctccc tccagccttt gatggtgtcc agatgtccag aaagaggggc ctctctgatg 780
70 ttccagacct agggccctcc ctccagcctt tgatggtgtc cagatgtcca gaaagaggga 840
71 cttctctgat gttccagacc taagactcta gctccagcct ttgatgaagc tcagatgttc 900
72 agaaaggggg gcctccatga tgttctagaa ccaggactcc acctctagcc tttgatggtg 960
73 tccagatgtc cagaaagagg gtcttccatg atttctagga ccaagacttt acctccagcc 1020
74 ttctatgcct ccatgtctcc agtaaagcct aggtgtccag aaaagagcat tctcaatgaa 1080
75 tttatagaac caggactctt tctccagcct ttgatgacgt tcagatgttc ataaagaaga 1140
76 acttccacaa tgtactaaag ctatgactcc atctccatcc tttgatgaaa agggacttcc 1200
77 ttccactctg ttccagaagc ctatgtccac ctctaacttt tgttgatgtc caattatcca 1260
78 gaaagagggg gcctttagaa caaagactgt acttttatc attgataaag cacagattcc 1320
79 agaagcacag aaatctagaa agagggctct cctaacacg ctcgagctag aaccccgtg 1380
80 caagggctctg aaacttagac accagaagac cgtttgtcc tacaacaagt ctgcatttcc 1440
81 taaatctcca ggtggtgat cagaagggtc caggaaggta tgggg 1485
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84 <211> LENGTH: 1854
85 <212> TYPE: DNA
86 <213> ORGANISM: Eukaryote
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89 <221> NAME/KEY: misc_feature
90 <222> LOCATION: (1)...(1854)
91 <223> OTHER INFORMATION: r = G or A
92     y = C or T
93     m = A or C
94     k = G or T
W--> 95     s = G or C
W--> 96     w = A or T
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101 agcttcagcg aagacattta gcttttttaa aatgtataat tcctgtggct acatatgcaa 120
102 gtaggggtccc attatgtttt ttttcattag tggaaactaa tccttttgtg ctgtgtttaa 180
103 tcagtattag ctttatagaa ttataaatgt atattctact tcttgatcaa agaacgtagt 240
104 cgggtattgg ttttagaagt tcaaagtgc actgtatagg gctttcacgg ttaatgggat 300
105 tgttagcaaa tcttaaggac atacagccaa tgattatctg aggttactgg ctaactgttt 360
106 ttcactgagt tactctgcct ttttgacatt tttattcttt gtttgtcaga atccagagct 420
107 tcaggagccc aaattttttt atwccgtata tatatatata tataaatatc cataagcctg 480
108 gtggatttgt atgcaatgca ctgcatctat gtattctgat agcatctcat tgatttttgt 540
109 ttgaaataga aagaaagata gtatcccaaa tgagtatatc ttaacagaaa gctgagttaa 600
110 acttttatta cctatataat aattgatatt gccaatacc attctgaatt tcatatagta 660
111 taagttagac attgcttaat ccccttttaa atgtatttac atagacatga acactcaaat 720
112 tgctggattt tttaaatata tctgacataa tttttttcat ctgttacatt caagttagct 780
113 tgttttagccc agatttcaga atagtaaagg aggaaaggaa ccgcattcca gggaaacctc 840
114 tgaggcccaa tcagagtcca gaactgtaa cacacaggcc tgcaagccaa cattagtcgt 900
115 gaaatcccta acacgtcact ggattctctc tgtcagcgca agtgtcagct gccaaagaat 960
116 agacttacat gaagaagtgc ccacatgctg gcaggggctg gccggtccg gccagcagac 1020

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117 actgctagat tgtaatat t aaggtcgagt ttcgacctgt ggtacacagc tgtgctgtgc 1080
118 tcagtcagca acctcagaac tctgaaaaaa acataaaaaa gaaaaaaaam 1140
119 atgcascctgk ytcacttggt aatagtgaat gtaaaggaaa gaaaggaaaa ccaaaagctt 1200
120 gtccatcac aggtatgagc tgctatgatt catgaagaac attccatgga gtatgtttta 1260
121 aaacctgtgt atatctgaga ggctttaaaa gccaaacttaa ctgtttcagg gcaaccgcgg 1320
122 tacagacgtg gtctctgtga gacttccacc tgaccaagt tttaaagtgt acgaatgttg 1380
123 tgcatttaat gttaaaggaca gtctgcaata ataagtaagt agccagcgtg ggtgccagc 1440
124 agtgcagaga cctggcgtct ctattgtacg ctttggaac acaatttatg caacagatgt 1500
125 ccagatatga ttctatttat ggaaaaagtt tatatgtttt acaaatggtt ttaccatott 1560
126 atattaaatg accttttgac aggtgtgcac tgtttgtct ccagtgcagc cataccatgc 1620
127 ggattttata tgcacatcag tagtgtgaat ccactggcac agtgtgtgt aatgccagat 1680
128 gtgggtgagat ttatcttgt atatgtgac agataaaata actcctgaca gaaactgtaa 1740
129 ggraaccag ctgaatggtt tgacctggat grcykrkrk gtwtggttta tgttaaatgt 1800
130 atattctttt aatcaatgaa taaagcatta aaaaatggga aaaaaaaac tcgt 1854

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132 <210> SEQ ID NO: 4
133 <211> LENGTH: 1030
134 <212> TYPE: DNA
135 <213> ORGANISM: Eukaryote
137 <220> FEATURE:
138 <221> NAME/KEY: misc_feature
139 <222> LOCATION: (1)...(1030)
140 <223> OTHER INFORMATION: r = G or A
141 y = C or T
142 m = A or C
143 s = G or C
W--> 144 w = A or T

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146 <400> SEQUENCE: 4
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148 taagtgtcgt tcagcagcaa ggaagtctgt ccagcacata cctcagcaga gtagaccctg 120
149 acggcaagaa gattaagcaa attcagcagc tgtttgaaga gatactgagc aatagtaggc 180
150 aactaaaatg gctgtcctgt gggtttatgc tggaaatagt aaccccatca tcaactgtct 240
151 ctctgtctaa ctccattgcc aacaccatgg aacacctgag ttactggac aacaacattc 300
152 ctggtaacag cagcgtcatc accgcagtcg aactagagcg ctttgtaaat ctgcgctcac 360
153 ttgccctgga tttctgtgac ttacagctg agatggcgag agtcctgacc gacagcaacc 420
154 atgtgccttt gcagcgactg tctcttctgg tccacaatgc ttcagtgatg ctcaagtcac 480
155 tagacaacat gccaaacgat gagcactgga aggcctgtc acgaaagagc tccagcctcc 540
156 gggctctatc aatggctttt gatgttaaaa gtgaagacat gctaaagatt ctgaaaccca 600
157 gtataccact tgagaagggt tcaactttgga cagctacgtc acttgtgtct caaggggcta 660
158 ttggttgatc ttatattcca ggcagtattg accaagggtt cctyaacccm wtttwtattg 720
159 atgaatgata tgattgatac gtctggtttt ccgatctta gtgacaaccg aaatgaagat 780
160 ccattgggtt tattggcatg gcgggtgcaca aagctcactc ttttggcaat tcatggttac 840
161 accgtgtggg cacacaacct cattgccatt gctcgtcttc gtggctyttg acctaaaagt 900
162 gctttggaag tcaccsraag aaagcattga ttttgaccaa ggtgaactag cccgaccagg 960
163 aatgtggrwy cccgtacata acctttcttg gagcaggat tccctggggc cttggtcaag 1020
164 tcttggcacg 1030

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166 <210> SEQ ID NO: 5
167 <211> LENGTH: 1824
168 <212> TYPE: DNA
169 <213> ORGANISM: Eukaryote

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171 <220> FEATURE:
172 <221> NAME/KEY: misc_feature
173 <222> LOCATION: (1)...(1824)
174 <223> OTHER INFORMATION: r = G or A
175     y = C or T
176     k = G or T
177     s = G or C
W--> 178     w = A or T
W--> 179     d = A, G, or T; not C
W--> 180     n = A,T,C or G
182 <400> SEQUENCE: 5
W--> 183 tcaaacnta tctcggctat tcntttgatt nataagggat ttksccgatk tccggcntat      60
184 tgggttaaaaa wtgagctgat ttaacaaaaa ttttaacgca attttaacaa aatattaacg      120
W--> 185 cttacaattt gccattcgcc attcaggctg cgcaaytggt gggaagggcn atcggtgogg      180
186 gcctcttcgc tattacgccg gctggcgaaa gggggatgtg ctgcaaggcg attaagttgg      240
187 gtaacgccag ggtttttcca gtcacgacgt tgtaaaacga cggccagtga attgtaatac      300
188 gactcactat agggcgcaatt gggtagcggg cccccctcgc aggtcgacgg tatcgataag      360
189 cttgatatcg aattcggcac gagcgaaagg agggccttgc acttcctagg caagcgctct      420
190 accaactgag taaatcccca accccttggt ttatttttaa agcaaacgag atacataatt      480
191 tcarccatga taatttaaga ttatcttgaa ctcttaagga aatgtatata ctaagctatt      540
192 atagttttta ttttccctaa ttcagtggca taatacctta ccttgagtcg tttactactt      600
193 tcttttggtt ctaaaaactc tactgctaaa ttacaatgta aaaacatagg gctcgtatat      660
194 actgtagagt gctgtagatg tctcgtcatc caactatgca ataacagttc gatcgacaca      720
195 tttcaggakc gatcactctt tgggtgtgctt ctttaaatat tttcagaagc ttaggatgtg      780
196 caaagcagga agactgtggg tgtaaatggt tacttatttc tttagagagt ttagtaagtc      840
197 ttttcdaaat tgcttttctc ttcaaaaatta tcgttaactt aaatgataat tatctttgag      900
198 gttaaacaga agctcattga caaactaaag tgacttttta gggcattctt tgagatcata      960
199 gtcttatatc ttggggacta aaatgtcatt agaccctaag agactaactt gtagtttgt      1020
200 gtggggaaac gttttctctc ctcatcgaag gtaactgttt gctgcctgtt gttacttgtg      1080
201 tagcattcta gaaaatggct aggtttttta taagatttaa gacaatagaa gtatgtttat      1140
202 attattatag ttctgttgga atgtgatcct gaaattatta ctgaaaatta gaatttttat      1200
203 ttcgctaagt acaaccttga ctctcagaga tgcagtgtaa attgatacct catctttccg      1260
204 agagttoaga gcacaggcgc gcagtatgtg aagctgcttt tgcactgacg cattttgata      1320
205 agttttggcta ctgtaatggt aaaaggctcc tcaggcactg actgcatttg ggttcttccg      1380
206 atgggggatg atccgttctc gtggtgctgc tggacttatg cattttggag gtactgcatg      1440
207 tatcttccac actgcttgac attttctctg atctgtgtgt ttgcaccaac tcattaaaaa      1500
208 aaatatgcag aaatatcttc taattcgttg atcttcgctg tatgacagtt ataattattaa      1560
209 acaactgggt tgatccactc tgtttacatt tatctttcta agcgtcagaa agggactaac      1620
210 ttgaaattat atctagaggc ttgtatcatc ttcaaaaatt aaatttcctt ggatacttta      1680
211 ggcaatatct taaacaactt ttaataaaat ttaaatattt atatttacgt aagctaaaaa      1740
212 atacatgaat gtgcttttta ataaattaaa tacagtttat acttatttgc caattccaaa      1800
213 ataaaaaaaa aaaaaaaaaa aaaa      1824
215 <210> SEQ ID NO: 6
216 <211> LENGTH: 1230
217 <212> TYPE: DNA
218 <213> ORGANISM: Eukaryote
220 <220> FEATURE:
221 <221> NAME/KEY: misc_feature
222 <222> LOCATION: (1)...(1230)

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JUL 19 2000

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RAW SEQUENCE LISTING
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Input Set : A:\JHU1530-3.TXT
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223 <223> OTHER INFORMATION: r = A or G
224     m = A or C
225     s = G or C
226     w = A or T
228 <400> SEQUENCE: 6
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230 ccccttgagm cccaggggtt ttggcccmcc cctcaccca aatgggtctgc caatgaccca 120
231 ggtactcaca acatgttcca ggaggagmct ggggccagga ttttgaccag aggggatggg 180
232 aagggaaagg ggagaagaaa tcgacattta tttttattat ttattttaaa tgtttacawt 240
233 ttctttgtgt tgttccaagc cctgaataga aacagatagc attaaaggac tctgttccca 300
234 ccccttctct tctctctctt cccccaactg tgctaactta' ggataaact ctcattttcg 360
235 tttttgtttt aaagtgtatt gtggacttgt gccgtgtgaa ctgcattaaa aaggttctgt 420
236 tttcaaagat cgattgtcgt tcctgtgggg acagtggctc ctaagaaatc tgcattgtag 480
237 gagaagacaa tgaagacccc tggccctgtc tctcaaaact taactctctg tatgatttaa 540
238 aaaaaaattc catttacttt actttgttgt tacttgattt tgaggaagaa aatattcaac 600
239 tttgtataaa gactaggtat cagggtttct ttgacagtgg gaggttgtata tatacgtat 660
240 tttggtatat cgtagaaact caagctttat gcacccgtat ttgggatatg tcaatgacgt 720
241 gcagtgaatt ttgctattag accctggagg caaacgagtt gtacaagggt ttagggctcc 780
242 atggggaatt ctaatttctt ttctggggac cttttgtccc gtttttacag taatggtgaa 840
243 atggtcctag gagggtctct ctagtccaat tctccaggca ggaccacgtg ctcaaaaaat 900
244 ctttgtatag ttttaaatTT ttgaggagta tctctgctca gaagcatctg tgggtgtgtg 960
245 tgttgcgttg ttctgtgtac tgtgtgtgac acaagcctac agtatttgca ctaaggaaag 1020
246 ctgttttagag cttgctgcta tggagggaag aacatattaa aacttatttt ccctcggggw 1080
247 ttrtwcmgt tttatgtwct tgttgtcttg ttggctttcc tactttccac tgagtagcat 1140
248 tttgtagaat aaaaatgaatt aagatcagmw rwrwrmaaaa aaaaaaaaaa aaaaaaaaaa 1200
249 aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa
251 <210> SEQ ID NO: 7
252 <211> LENGTH: 1516
253 <212> TYPE: DNA
254 <213> ORGANISM: Eukaryote
256 <220> FEATURE:
257 <221> NAME/KEY: misc_feature
258 <222> LOCATION: (1)...(1516)
259 <223> OTHER INFORMATION: n = A,T,C or G
261 <400> SEQUENCE: 7
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W--> 263 tgnntgcttt ctttcccat anttccaggc ccacaaangg tttctgtgan tccgagaatc 120
W--> 264 ggcccacccat gcagaccac ngagaggatt cagaatgtgt gtgagagtga gtgtgtgagt 180
265 gcgcgtgcgt gtgctttgta tgtgtgttta tagatgtagg acattaagtt ccttctgaca 240
266 cagggaaagat gtgagaagga tggcctgaca tcagatgaca agaggtctta tagcacatct 300
267 ctgggctttt cctaccccag agaagagccc cctttgatac aaatcagttg gattttcata 360
268 tgcttcaaaag gcttgatctg tgagtcactc cagtttgagg cataggtctg tctgtggctt 420
269 tgagaaaagg tactttcaaa agagggcttt ccagagcaca gctcacagcc agctgttagg 480
270 accccaccct tctcctttat tgtggagggt actcacagca gactgacagt ggtcagactg 540
271 agctttctgc taaggtgggt aggtagccaa cactggcatg tctcggtagt ggtttgggca 600
272 aattttccga ggtctcttcc cccaaccctg cctctgatga ataaagacaa tgagtacagt 660
273 tccttaattc aggtctttgt gactagctta ctacggaacc gaaaatggtc ccctttgtac 720
274 aagccgagct gttatggaat cacggtgaac cagacccagg tctgtggcac ctgtttgttt 780
275 tttttttttt tttttttttt tttagctctca tttctacggc atgctttcca aggaaccaaa 840

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

DATE: 07/07/2000

PATENT APPLICATION: US/09/245,277

TIME: 08:31:28

Input Set : A:\JHU1530-3.TXT

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L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1
L:63 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2
L:95 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:96 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:144 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:178 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:179 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:180 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:185 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:5
L:262 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:263 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:264 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7
L:321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8
L:574 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:583 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:659 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:662 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:664 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:665 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:667 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:668 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:670 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:671 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:711 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:712 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:726 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:727 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:728 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:729 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:730 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:731 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:732 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:738 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:739 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18
L:761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:762 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:763 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:764 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:765 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19
L:894 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20
L:1100 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:1101 M:259 W: Field exceeds allowed number of lines, <223> Other Information:

VERIFICATION SUMMARY

DATE: 07/07/2000

PATENT APPLICATION: US/09/245,277

TIME: 08:31:28

Input Set : A:\JHU1530-3.TXT

Output Set: N:\CRF3\07072000\I245277.raw

L:1161 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:23
L:1183 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:1184 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:24
L:1851 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:33
L:1874 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:1875 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:1876 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:1883 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1884 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1885 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1886 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1932 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1936 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1944 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1945 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:1947 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:2729 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:2730 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:2731 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:2732 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:2733 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:2734 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:2735 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:2793 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:3029 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:3030 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:3031 M:259 W: Field exceeds allowed number of lines, <223> Other Information:
L:3208 M:361 W: Invalid Split Codon, Sequence data for SEQ ID#: 59